



# Duker-Reilly-McPherson & Associates, Inc.

## Air Curtain Questionnaire

**call:** (586) 725-2552  
**fax:** (586) 725-2945  
 sales@duker-reilly.com  
 www.duker-reilly.com

**Name:** \_\_\_\_\_  
**Company:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**E-mail:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Job name & location:** \_\_\_\_\_

Please Note: **Negative air pressure** at a door opening can adversely affect the designed performance of an air curtain. While heated air curtains may help temper the incoming air, non-heated air curtains will not slow down the rate of incoming air. If this applies to your application please call us first.

### 1) Installation:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Concession Window      | <input type="checkbox"/> Customer Entrance                              | <input type="checkbox"/> Drive-Thru Window |
| <input type="checkbox"/> Food-Processing Plant  | <input type="checkbox"/> Kitchen Receiving Door                         | <input type="checkbox"/> Manufacturing     |
| <input type="checkbox"/> Office/Retail Building | <input type="checkbox"/> Refrigerated/Cold-Storage                      | <input type="checkbox"/> Restaurant        |
| <input type="checkbox"/> Walk-In Cooler/Freezer | <input type="checkbox"/> Warehouse/Dock/Shipping/Receiving/Service Door |  |

Other  
(Please  
Specify):

### 2) Application:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Air Conditioning Retention          | <input type="checkbox"/> Environment Separation  | <input type="checkbox"/> Heat Retention               |
| <input type="checkbox"/> Insect Control                      | <input type="checkbox"/> Repel Strong Wind Gusts | <input type="checkbox"/> Walk-in Freezer/Cold-Storage |
| <input type="checkbox"/> Walk-in Cooler/Refrigerated Storage |  |   |

Other  
(Please  
Specify):

### 3) Size of Door or Window Opening height and width. Dimension of where the lowest point (bottom of air curtain) would be when mounted right above the door

Height: \_\_\_\_\_ Width: \_\_\_\_\_ Dimension: \_\_\_\_\_

### 4) Location Of Door Or Window Opening:

- |  |
|--|
| <input type="checkbox"/> Exterior Wall - Separating The Outside Elements From The Inside Of The Building |
| <input type="checkbox"/> Interior Wall - Separating Two Interior Workspaces                              |

### 5) Traffic Flow:

- |  |
|--|
| <input type="checkbox"/> High (area opening more than 2 times every 5 minutes) |
| <input type="checkbox"/> Low (area opening less than 2 times every 5 minutes)  |

### 6) Is Heat Function Required?:

- |                              |                             |                                  |
|------------------------------|-----------------------------|----------------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
|------------------------------|-----------------------------|----------------------------------|

### If Yes, Indicate Heating Mode:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Electric         | <input type="checkbox"/> Steam/Hot Water | <input type="checkbox"/> Indirect Fired Gas |
| <input type="checkbox"/> Direct Fired Gas |  |   |

**(continued on next page)**



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### 7) Building Conditions (All Lines A Through D Are Required):

#### A. Negative Pressure (Required):

- Yes                       No                       Unknown

#### B. Electrical Specifications (Required):

Voltage: \_\_\_\_\_ Volts                      Phase: \_\_\_\_\_

Frequency: \_\_\_\_\_ Hertz (60 Hz Standard)

#### C. Door Type (Required):

- Single-hinged                       Double-hinged                       Sliding  
 Roll-up                       Return-track                       Vertical-lift  
 Garage-style                       Other

#### D. Number of independently moving doors under air curtain (Required):

- One                       Two                       Other: \_\_\_\_\_

### 8) Accessories:

- Control Panel  
 Door Switch  
 Heat on Demand (Allows air curtain to act as a unit heater when the door(s) is not open.)  
 Mounting Brackets  
 Thermostat

### 9) Is there any obstruction above the door opening that might hinder the flow of air from the air curtain outlet and thus require it to be mounted away from the wall?:

- Yes                       No                       Unknown

If Yes,  
please  
explain:

### Please let us know any additional information we can provide:

- Quote  
 Product Brochure  
 Submittal Drawing / Specification